

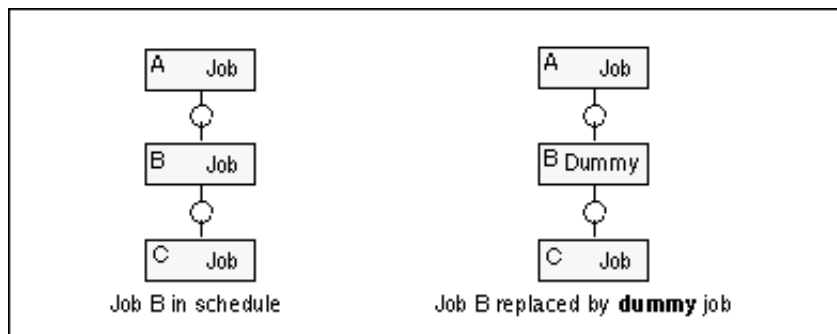
# Defining Schedule Dependency for a Job

This subsection covers the following topics:

- Excluding a Job from Actual Execution
- Defining Schedule Dependency
- Field Descriptions: Schedule Dependency Definition for Job
- Special PF Keys: Schedule Dependency Definition for Job
- Examples

## Excluding a Job from Actual Execution

With this feature you can exclude a job from actual execution on certain schedule days without disturbing the job network structure. If a job is not to be activated, it can be converted into a **dummy** job just for this run. For example:



You can define job activation or input condition usage to be checked only on certain days.

### Note:

You can also define schedule dependency for input conditions. For more information, see the subsection Defining Schedule Dependency for an Input Condition.

## Defining Schedule Dependency

### ▶ To define schedule dependency at the job level

- Press PF11 (ScDep) in the Scheduling Parameters window.

The Schedule Dependency Definition for Job window opens:

```

15.11.01          *** Entire Operations 4.1.1 ***          16:14:55
Owner SN                      Job Maintenance                      Network DEMO-NET
+-----+-----+-----+-----+-----+-----+-----+-----+
!           +-----+-----+-----+-----+-----+-----+
!           !                                           !
!   Job JO   !   Schedule Dependency Definition for Job   !
!           !                                           !
!           !   Owner      SN          Job      JOB4      !
!   Estima   !   Network DEMO-NET      Condition          !
!   Histor   !                                           !
!           !   The Job will be activated only (+) / not activated (-), !
!           !   if the execution date has the following position in the !
!   Earlie   !   job network schedule or calendar:         !
!   Latest   !                                           !
!   Deadli   !           Usage ==> _   + only              - except      !
!           !           A after Holiday too B before Holiday too !
!   Schedu   !           Type ==> _   H is Holiday      X is Workday      !
!           !           C Calendar Day      W Workday      S Schedule Day !**
!   ---PF1-   !   in Period ==> _   W Week              M Month      Y Year      !
!   Help     !   at Position ==> _____ !g
+-----+-----+-----+-----+-----+-----+-----+-----+
Enter-PF1-- !   Help      End          Save          Delete          !--
Help +-----+-----+-----+-----+-----+-----+

```

## Field Descriptions: Schedule Dependency Definition for Job

The input fields of the Schedule Dependency Definition for Job window are described in the following table:

Field	Description										
Usage	Enter one of the following values:										
	<table border="1"> <tr> <td>+</td><td>The job or condition is activated <b>only</b> if the execution date satisfies the criteria entered in the Type, in Period and at Position fields.</td></tr> <tr> <td>A</td><td>Like +, but the <b>first</b> workday <b>after</b> a holiday is valid, too.</td></tr> <tr> <td>B</td><td>Like +, but the <b>last</b> workday <b>before</b> a holiday is valid, too.</td></tr> <tr> <td>-</td><td>The job or condition is activated <b>except</b> when the execution date satisfies the criteria entered in the Type, in Period and at Position fields.</td></tr> </table>	+	The job or condition is activated <b>only</b> if the execution date satisfies the criteria entered in the Type, in Period and at Position fields.	A	Like +, but the <b>first</b> workday <b>after</b> a holiday is valid, too.	B	Like +, but the <b>last</b> workday <b>before</b> a holiday is valid, too.	-	The job or condition is activated <b>except</b> when the execution date satisfies the criteria entered in the Type, in Period and at Position fields.		
+	The job or condition is activated <b>only</b> if the execution date satisfies the criteria entered in the Type, in Period and at Position fields.										
A	Like +, but the <b>first</b> workday <b>after</b> a holiday is valid, too.										
B	Like +, but the <b>last</b> workday <b>before</b> a holiday is valid, too.										
-	The job or condition is activated <b>except</b> when the execution date satisfies the criteria entered in the Type, in Period and at Position fields.										
Type	Enter one of the following values:										
	<table border="1"> <tr> <td>H</td><td><b>Any Holiday</b>, no Period or Position required.</td></tr> <tr> <td>X</td><td><b>Any Workday</b>, no Period or Position required.</td></tr> <tr> <td>C</td><td><b>Calendar day</b> within the defined Period.</td></tr> <tr> <td>W</td><td><b>Workday</b> within the defined Period.</td></tr> <tr> <td>S</td><td><b>Schedule day</b> within the defined Period.</td></tr> </table>	H	<b>Any Holiday</b> , no Period or Position required.	X	<b>Any Workday</b> , no Period or Position required.	C	<b>Calendar day</b> within the defined Period.	W	<b>Workday</b> within the defined Period.	S	<b>Schedule day</b> within the defined Period.
H	<b>Any Holiday</b> , no Period or Position required.										
X	<b>Any Workday</b> , no Period or Position required.										
C	<b>Calendar day</b> within the defined Period.										
W	<b>Workday</b> within the defined Period.										
S	<b>Schedule day</b> within the defined Period.										
in Period	Enter one of the following values:										
	<table border="1"> <tr> <td>W</td><td><b>Week</b></td></tr> <tr> <td>M</td><td><b>Month</b></td></tr> <tr> <td>Y</td><td><b>Year</b></td></tr> </table>	W	<b>Week</b>	M	<b>Month</b>	Y	<b>Year</b>				
W	<b>Week</b>										
M	<b>Month</b>										
Y	<b>Year</b>										
at Position	Enter + or - followed by a number to indicate a particular day within the Period defined above. For the period W (week) you can define up to 3 days simultaneously. See the examples below.										

## Special PF Keys: Schedule Dependency Definition for Job

You can perform the following function from the Schedule Dependency for Job window using this PF key:

Key	Name	Function
PF9	Delete	Delete entries for Usage, Type, in Period, at Position.

## Examples

- To activate a job only on the last workday of the month:

Usage	Type	in Period	at Position
+	W	M	-1

- Not to activate a job on Wednesdays:

Usage	Type	in Period	at Position
-	C	W	+3

- To activate a job every Monday (but on Tuesday, if Monday is a holiday):

Usage	Type	in Period	at Position
A	W	W	+1

- To activate a job every Monday, Wednesday and Friday:

Usage	Type	in Period	at Position
+	C	W	+135